SAFETY DATA SHEET

1. IDENTIFICATION

Product identifier
Product Name
FortiFlex® Butyl

Recommended use of the chemical and restrictions on use
Recommended Use
Waterproofing Flashing
Uses advised against
No information available

Details of the supplier of the safety data sheet
Manufacturer Address
Fortifiber Building Systems Group
300 Industrial Drive
Fernley, NV 89408
Web Site: www.fortifiber.com

Emergency telephone number
Company Phone Number
(800) 773-4777
Emergency Telephone
(800) 773-4777

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status
This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use. This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label elements
Not classified

Hazard statements
None

Appearance
Solid Tape/Adhesive
Physical state
Solid
Odor
Slight

Precautionary Statements - Prevention
Not applicable
Precautionary Statements - Response
Not applicable

Hazards not otherwise classified (HNOC)
Not applicable

Other Information
Not applicable.

Unknown acute toxicity
0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance</th>
<th>Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixture</td>
<td>This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synthetic butyl compounds *</td>
<td>Proprietary</td>
<td>60 - 100</td>
</tr>
<tr>
<td>Polypropylene *</td>
<td>9003-07-0</td>
<td>10 - 30</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

General advice
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a physician.

Eye contact
Keep eye wide open while rinsing. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If symptoms persist, call a physician.

Skin contact
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician. Wash contaminated clothing before reuse.

Inhalation
Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If symptoms persist, call a physician.

Ingestion
Call a physician or poison control center immediately. Do not induce vomiting without medical advice. Rinse mouth. Never give anything by mouth to an unconscious person.

Self-protection of the first aider
Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms
None known.

Indication of any immediate medical attention and special treatment needed
Note to physicians  
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO2, sand, earth, water spray or regular foam.

Unsuitable extinguishing media  Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical
Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Explosion data
Sensitivity to Mechanical Impact  None.
Sensitivity to Static Discharge  None.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions  Use personal protective equipment as required.

Environmental precautions

Environmental precautions  Collect spillage. Dispose of contents/container to an approved waste disposal plant.

Methods and material for containment and cleaning up

Methods for containment  No information available.
Methods for cleaning up  Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling  Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities

Storage Conditions  Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines  This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.

Appropriate engineering controls
Engineering Controls  
- Showers  
- Eyewash stations  
- Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**  
Wear safety glasses with side shields (or goggles).

**Skin and body protection**  
Wear protective gloves and protective clothing.

**Respiratory protection**  
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations**  
Handle in accordance with good industrial hygiene and safety practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Solid Tape/Adhesive</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
<td>Odor</td>
<td>Slight</td>
</tr>
<tr>
<td>Odor threshold</td>
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<td></td>
</tr>
<tr>
<td>pH</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No information available</td>
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<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
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<td>Upper flammability limit:</td>
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<tr>
<td></td>
<td></td>
<td>Lower flammability limit:</td>
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</tr>
<tr>
<td>Vapor pressure</td>
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</tr>
<tr>
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<td>Water solubility</td>
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</tr>
<tr>
<td>Solubility in other solvents</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
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<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>&gt;260 °C / &gt;500 °F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>No information available</td>
<td></td>
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</tr>
<tr>
<td>Dynamic viscosity</td>
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</tr>
<tr>
<td>Explosive properties</td>
<td>Not an explosive</td>
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<tr>
<td>Oxidizing properties</td>
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</tbody>
</table>

**Other Information**

- Softening point: No information available
- Molecular weight: No information available
- VOC Content (%): No information available
- Density: No information available
- Bulk density: No information available

### 10. STABILITY AND REACTIVITY

**Reactivity**  
No data available
**Chemical stability**
Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**
None under normal processing.

**Conditions to avoid**
Storage near to reactive materials. Elevated temperature.

**Incompatible materials**

**Hazardous Decomposition Products**
Thermal decomposition can lead to release of irritating and toxic gases and vapors.

### 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

- **Inhalation**: None known.
- **Eye contact**: None known.
- **Skin contact**: None known.
- **Ingestion**: Based on available data, the classification criteria are not met.

**Information on toxicological effects**

**Symptoms**: No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization**: Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**: Based on available data, the classification criteria are not met.

**Carcinogenicity**: The table below indicates whether each agency has listed any ingredient as a carcinogen.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polypropylene</td>
<td>9003-07-0</td>
<td>Group 3</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**IARC (International Agency for Research on Cancer)**

- Not classifiable as a human carcinogen

**Reproductive toxicity**: Based on available data, the classification criteria are not met.

**STOT - single exposure**: Based on available data, the classification criteria are not met.

**STOT - repeated exposure**: Based on available data, the classification criteria are not met.

**Aspiration hazard**: Based on available data, the classification criteria are not met.

**Numerical measures of toxicity**

**Product Information**

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

None known

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Persistence and degradability**

No information available.

**Bioaccumulation**
No information available.

Other adverse effects
No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods
Disposal of wastes
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging
Do not reuse container.

14. TRANSPORT INFORMATION

DOT
Not regulated

TDG
Not regulated

IATA
Not regulated

IMDG
Not regulated

15. REGULATORY INFORMATION

International Inventories
TSCA
Complies

DSL/NDSL
Complies

EINECS/ELINCS
Complies

IECSC
Complies

KECL
Complies

PICCS
Complies

AICS
Complies

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories
Acute health hazard
No
Chronic Health Hazard
No
Fire hazard
No
Sudden release of pressure hazard
No
Reactive Hazard
No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Properties</th>
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<tbody>
<tr>
<td></td>
<td>0</td>
<td>1</td>
<td>0</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Physical hazards</th>
<th>Personal protection</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>X</td>
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</table>

Issue Date 7/17/2018
Revision Date 7/17/2018
Revision Note No information available

Disclaimer
The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet